Nitrogen Cycle

Read page 415 in the green biology textbooks. Answer the following questions.

1. What percentage of the Earth’s atmosphere is made up of nitrogen gas?
2. Where does most of the nitrogen cycle take place?
3. What is nitrogen fixation?
4. What type of organism is responsible for most of the nitrogen fixation?
5. Draw a picture of the nitrogen cycle.

Go to bhsee.wikispaces.com.

Navigate to the Garstka/PirragliaNotes page.

Open the “Nitrogen Cycle Simulation”.

Open up the nitrogen cycle simulation.

Answer the following questions.

1. What is the formula for nitrogen gas?
2. Why must nitrogen gas go through the process of nitrogen fixation?
3. Name three ways that nitrogen gas can be turned into usable nitrogen?
4. Where do animals get most of their usable nitrogen?
5. Where does nitrogen go when plants and animals die? How?
6. How does nitrogen get back into the air?

Nitrogen Cycle Notes

Nitrogen Fixation is…

Three ways that nitrogen can be changed from nitrogen gas to nitrogen compounds that can be used by plants and animals are

1)

2)

3)

Plants and animals need these usable nitrogen compounds in order to make…

When plants and animals die they are decomposed and…

Nitrogen gas gets back into the air by…